

Mechanical Data

Item	Standard Value	Unit
Module Dimension	139.0x100MAX	mm
Viewing Area	104x79.3	mm
Dot Pitch	0.3x0.3	mm
Dot Size	0.27x0.27	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	4.75	5.0	5.25	V
Input Voltage	VI	-0.3	---	VDD+0.3	V

Note: VSS=0 Volt , VDD=5.0 Volt .

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	---	---	5.0	5.5	V
Supply Current	IDD	VDD=5V	52.2	52.4	52.8	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-VO	-20°C	---	---	26.1	V
		-0°C	---	---	---	
		25°C	---	23.8	---	
		50°C	---	---	---	
		70°C	20.9	---	---	
LED Forward Voltage	VF	25°C	---	5.0	5.5	V
LED Forward Current	IF	25°C	---	80	---	mA
EL Power Supply Current	IEF	V _{eff} =110VAC,400Hz	---	---	---	mA

Feature

1. Built-in A8835 controller
2. 1/240 duty
3. +5.0V power supply
4. Touch screen option
5. RG320240N: without controller
6. RG320240P: Equal between screw hole and center

Pin NO.	Symbol	Function
1	GND	Ground
2	VCC	Supply voltage for logic
3	VO	Driving voltage for LCD
4	WR	8080 family: Write signal, 6800 family: R/W signal
5	RD	8080 family:Read signal, 6800 family: Enable clock
6	CS	Chip select, Active L
7	A0	Data type select
8	RES	Controller reset signal Active L
9	DB0	data bus line
10	DB1	data bus line
11	DB2	data bus line
12	DB3	data bus line
13	DB4	data bus line
14	DB5	data bus line
15	DB6	data bus line
16	DB7	data bus line
17	NC	NC
18	VEE	Negative Voltage output
19	A	Power supply for B/L+
20	K	Power supply for B/L-

Graphic type

RG320240C4 Graphic 320x240 dots

Dimension drawing

